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SUGAR REPORTS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE

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MARKET REVIEW

The situation with respect to sugar supplies for the United States market boils down to this: Marketable supplies of sugar this year approximate 10,350,000 tons - or 550,000 tons more than total sugar consumption (including refining loss). Furthermore, larger crops of mainland beet and cane sugar are about to be processed.

Despite the abundance of sugar supplies for the United States market, the domestic spot price for sugar has risen from 6.50 cents per pound a month ago to 8.02 cents per pound as of September 25. The Sugar Act price objective is currently 6.61 cents per pound.

Total marketable supplies this year consist of adjusted quotas for the domestic areas totalling 5,703,463 tons and imports of 4,650,000 tons. The domestic quotas are as follows:

	<u>Short tons, raw value</u>
Domestic beet sugar	2,698,590
Mainland cane sugar	1,009,873
Hawaii	1,110,000
Puerto Rico	870,000
Virgin Islands	<u>15,000</u>
Total	5,703,463

Hawaii is expected to fall short of its quota by about 50,000 tons. On the other hand, the beet sugar area is expected to exceed its adjusted quota by more than this quantity. Recently, large quantities of beet sugar have been sold, some of it in eastern states. The beet sugar area has the right to market 291,537 tons in excess of its adjusted quota.

This amount represents a deficit declared as of May 6. Now with the large new crop coming on, the beet sugar area is expected to utilize part of that deficit, the marketing rights to which, under the law, it retains despite the declaration of deficit.

Details of the expected importations of 4,650,000 tons are shown in tables I and II.

Stocks in the hands of primary and secondary distributors and users at the end of this year are expected to be much larger than at the beginning of the year, not only because of the excess of quota supplies over consumption but because a portion of the unusually large mainland beet and cane crops will have been processed before the first of the year. Sugar stocks at the beginning of 1963 are estimated to have totalled 2.75 million tons, which is higher than they have ever been before. Stocks at the beginning of the year were composed of 2.26 million tons in the hands of primary distributors and an estimated half million tons held by secondary distributors and sugar consumers (exclusive of households).

In summary, the United States is expected to have not only an excess over and above consumption needs of 550,000 tons from 1963 quotas but also additional sugar in sight processed after the first of the year from the large 1963 mainland cane and beet crops. Accordingly, it is important to review information concerning significant recent events that has become available during the period of rising sugar prices.

1. On August 27 the Department announced that importation could occur at any time during the year for that sugar subject to agreements for set-aside of global quota which bore a termination date of October 31 and November 15, provided that importation occurred within the prescribed 235 days from date of approval of the set-aside agreement. This action was taken to provide a more flexible flow of the large quantity of imports scheduled to arrive during the last quarter of the year.

2. Sugar in the hands of refiners on September 1 exceeded 800,000 tons and was more than 250,000 tons in excess of the level a year ago.

3. On September 9 Poland announced that it would not be prepared to sell sugar until production from the new crop can be estimated more accurately. So far, Eastern European countries are not known to have offered new crop sugar for sale.

4. On September 9 the Department's Crop Reporting Board announced that prospects, for both the United States mainland sugar beet crop and the mainland sugarcane crop, had improved during August. At average rates of sugar extraction, it is currently expected that 3,100,000 tons of beet sugar will be produced from the 1963 crop, or 19 percent more

TABLE I

SUGAR QUOTAS FOR FOREIGN COUNTRIES AND INDICATED ADDITIONAL OFFERINGS
CALENDAR YEAR 1963, AND CHARGES TO QUOTAS BY COUNTRIES C.O.B. SEPTEMBER 24, 1963

Country	Basic Country Quotas	Charges to:			Total Quota Charges	Indicated Additional Offerings	Total Prospective Imports
		Basic	Deficit Re- allocations	Global Quota			
		Thousands, short			tons,	raw value	
Philippines	1,050,000	897	145	1	1,042	166	1,208
Dominican Republic	336,243	282	71	197	550	54	604
Paru	206,243	173		209	382	33	415
Mexico	206,243	187	161	22	370	20	390
Brazil	195,793	14		280	294	182	476
Br. West Indies	98,050	86	45		131	13	144
Australia	43,339	11		181	192	33	225
Rep. of China	38,114	38	1	34	72	0	72
Fr. West Indies	32,581	32	1	60	93	0	93
Colombia	32,581	0		45	45	33	78
Nicaragua	27,048	17		15	32	13	45
Costa Rica	27,048	25		13	38	1	39
Ecuador	27,048	0		28	28	26	54
India	21,823	21		99	120	0	120
Haiti	21,823	22	7	11	40	0	40
Guatemala	21,823	22	13	17	52	0	52
South Africa	21,823	22		111	133	0	133
Argentina	20,000	9		217	226	0	226
Panama	16,290	12			12	5	17
El Salvador	11,065	10	2	7	19	1	20
Paraguay	10,758	0			0	0	0
British Honduras	10,758	2			2	0	2
Fiji Islands	10,758	0		39	39	11	50
Ireland	10,000	5			5	5	10
Belgium	182			7	7	0	7
France				23	23	0	23
Reunion				10	10	0	10
Southern Rhodesia				111	11	0	11
Mauritius				67	67	0	67
Turkey				7	7	0	7
Venezuela				12	12	0	12
Totals	2,497,434	1,887	445	1,722	4,054	596	4,650
Quota Balance		611	28	3			
Total Charges Plus Balances		2,498	473 1/2	1,725			

1/ Total quota deficits: Rep. of Philippines 157,618; Western Hemisphere Countries 315,827.

TABLE II

CHARGES TO CALENDAR YEAR 1963 SUGAR QUOTAS AND INDICATED ADDITIONAL ARRIVALS
FROM FOREIGN COUNTRIES BY MONTHS, C.O.B. SEPTEMBER 24, 1963

Month	Quantities Charged To:			Total Quota Charges	Indicated Additional Arrivals	Total Prospective Imports
	Basic Quotas	Deficit Reallo- cations	<u>1/</u> Global Quota			
<u>1,000 short tons, raw value</u>						
January	58	0	150	208		208
February	169	0	150	319		319
March	245	2	112	359		359
April	254	45	143	442		442
May	187	119	150	456		456
June	188	76	144	408		408
July	169	99	178	446		446
August	218	44	186	448		448
September	206	52	184	442	11	453
October	15	0	125	140	261	401
November	7	8	190	205	151	356
December	171	0	10	181	173	354
Total Pro- spective	1,887	445	1,722	4,054	596	4,650
Quota Balances <u>1/</u>	611	28	3	642		
Total Quotas	2,498	473	1,725	4,696		

1/ Prospective importations within such balances are included in indicated additional arrivals.

than the all-time record 1962 crop of 2,598,000 tons. The 1963 mainland sugarcane crop at average rates of sugar extraction is expected to yield 1,175,000 tons of sugar, or 38 percent more than the all-time record 1962 crop.

5. On September 10 the Philippine Sugar Association, using information furnished by each of the 25 operating centrals, estimated the 1963-64 crop at the new record level of more than 1,970,000 short tons, or 13 percent more than the 1962-63 crop of 1,739,000 tons. The Republic of the Philippines is our largest foreign supplier and ships in more than one-fourth of our total imports. After allowing for local consumption and the United States quota, an additional 350,000 tons of sugar would be available for exportation in 1964.

6. On September 12 the Indian Government announced an integrated arrangement of incentives to sugarcane growers and factory owners to assure that production from the 1963-64 crop would achieve the production goal of 3.3 million metric tons of refined sugar, or 38 percent more than 1962-63 production.

7. On August 26, the French Beet Growers' Association estimated that if weather conditions continue favorable, France's sugar production from 1963-crop beets should yield 1.7 million tons or 17 percent more than the 1962 production of 1,446,000 tons. On September 12 the French Ministry of Agriculture estimated the industrial beet crop as of September 1 at 133 million quintals, or 17 percent above the 1962 crop.

8. On September 16 it was announced that the Soviet Union had entered into a contract to purchase \$500 million worth of wheat from Canada for delivery before July 1, 1964. This news spurred the advance in sugar values on the theory that if the grain crop was damaged the sugarbeet crop also may have suffered. Two-thirds of the advance in the domestic spot price occurred after September 16. However, on September 25, Comtel stated that the Soviet Monthly Journal of the Sugar Industry had reported that beet sugar factories would have substantially more raw material (sugarbeets) at their disposal than last season, despite the initial delay in sugarbeet cultivation due to the late spring. The daily processing capacity has been increased substantially as a result of new factory construction and the Soviet sugar industry should be able to produce some 5.9 million tons of granulated sugar in the last half of this year.

About 16 percent more raw material would be needed than was processed in the last half of 1962. Additional substantial production occurs in the first half of each calendar year from piled sugarbeets.

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The first meeting of the preparatory committee of the International Sugar Council was held in London September 19. This committee was commissioned to study present and future conditions in world sugar production and consumption and to study the basis for a new agreement to take effect at the end of the protocol period - December 31, 1965.

This first meeting was devoted primarily to an exchange of views among countries and an outline for statistical studies to be pursued. The committee will make a progress report at the next meeting of the International Sugar Council which is set for November 6, and it will make its final report with appropriate recommendations prior to June 30, 1964.

Sugar deliveries for U. S. consumption through September 21, 1963, totalled 7,080,000 tons, or 13,000 tons more than during the same period last year. Beet sugar deliveries were up 125,000 tons while cane sugar deliveries were down 112,000 tons.

As mentioned previously, the spot price for domestic raw sugar at New York which had been at 6.50 cents per pound from August 13 through 28, progressively increased and on September 24 reached a price of 8.02 cents, the highest since July 12. On September 23 cane sugar refiners announced a 0.25 cent price increase for refined sugar to be effective September 30 in the Northeast, Southeast and Gulf territories. The increase was postponed until October 11 in the Chicago-West and Pacific Coast territories to conform with beet sugar price announcements.

The average spot price of domestic raw sugar at New York during the first nine months of 1963 averaged 7.85 cents, as compared with 6.44 cents during January-September 1962. The average wholesale price of refined cane sugar in the Northeast was 11.62 cents or 3.77 cents above the domestic raw sugar spot price. During the same period in 1962, the wholesale refined cane sugar price in the Northeast was 9.57 cents or 3.13 cents above the average raw sugar spot price.

As of September 25, 1963, quoted wholesale prices for refined sugar, to become effective September 30, were as follows:

	Cane	Beet
	(Cents per pound in 100 pound bags)	
Northeast	10.90	
New York Metropolitan area	10.80	
Southeast	10.75	
Gulf	10.25	
Eastern beet		9.40
Chicago-West	9.70	9.50
Lower Pacific Coast	9.80	9.80
Northwest & Intermountain	9.50	9.50

The average spot price of world raw sugar during January-September 1963 was 7.70 cents per pound as compared with 2.73 cents during the same period last year. On a comparable basis, the world raw sugar price for the first nine months of 1963 was 0.74 cent above the domestic price of raw sugar.

REGIONAL SUGAR DELIVERIES BY TYPES OF BUYER FIRST HALF 1963

There is shown in Table III a comparison of deliveries by type of product and business of buyer during the first half of 1963 with those during the same period last year.

At the end of May 1963, it was estimated that invisible stocks, those held by users and secondary distributors, had increased 600,000 tons since late in 1962. However, with the low volume of deliveries during June this increase was reduced to about 250,000 tons.

Of the total U. S. increase of 4,813,000 hundredweight in deliveries of all sugar, 90 percent was direct deliveries to industrial users. Deliveries of consumer size packages were up only 380,000 hundredweight or 1.5 percent, or about in line with population growth. Deliveries for industrial and institutional use increased 4,433,000 hundredweight or 7.9 percent. Over two-thirds of this increase was in deliveries of bulk sugar with most of the increase in bulk granulated sugar.

Deliveries of sugar in packages of over 50 pounds, usually associated with stockpiling of sugar, increased only 5.3 percent compared with an

Table III Changes first half 1963 from first half 1962 in sugar deliveries by type of product or business of buyer

Product or business of buyer	Region						Type of sugar	
	New	Middle	South	North	West	U.S.	Beet	Cane
	:England	:Atlantic	:South	: Central	: West	: total	:	:
1,000 hundredweights ^{1/}								
<u>Industrial</u>								
Bakers, Cereal etc.	-14	+113	+155	+272	+202	+728	+200	+528
Confectioners, etc.	-36	+303	+171	+ 9	+186	+633	+463	+170
Ice Cream, Dairy	- 5	- 42	+216	+ 73	+ 94	+336	+144	+192
Beverages	+ 5	+133	+695	+342	+251	+1,426	+456	+970
Canners, Etc.	+158	+ 56	+222	+222	+109	+767	+511	+256
Multiple Uses	+26	+ 93	+ 31	+ 64	+143	+357	+ 97	+260
Non Food	- 4	- 4	+ 43	+ 38	+ 4	+ 72	+ 10	+ 62
Sub total	<u>+130</u>	<u>+647</u>	<u>+1,533</u>	<u>+1,020</u>	<u>+989</u>	<u>+4,319</u>	<u>+1,881</u>	<u>+2,438</u>
<u>Non Industrial</u>								
Hotels, Restaurants, etc.	- 3	+ 5	+ 28	+ 35	+ 26	+ 91	+ 27	+ 64
Wholesalers, etc.	+ 44	- 44	-360	+454	-135	- 41	+282	-323
Retailers	- 2	-188	+175	+360	+115	+460	+164	+296
All other	- 6	+100	-160	+ 53	- 3	- 16	+ 26	- 42
Sub total	<u>+ 33</u>	<u>-127</u>	<u>-317</u>	<u>+902</u>	<u>+ 3</u>	<u>+494</u>	<u>+499</u>	<u>- 5</u>
<u>Total Deliveries</u>	<u>+163</u>	<u>+520</u>	<u>+1,216</u>	<u>+1,922</u>	<u>+992</u>	<u>+4,813</u>	<u>+2,380</u>	<u>+2,433</u>
Consumer Size Pkgs. ^{2/}	+ 31	- 80	+ 92	+160	+177	+380	+113	+267
Balance-Industrial and Institutional	<u>+132</u>	<u>+600</u>	<u>+1,124</u>	<u>+1,762</u>	<u>+815</u>	<u>+4,433</u>	<u>+2,267</u>	<u>+2,166</u>
Bulk Granulated	+ 54	+ 76	+653	+1,267	+125	+2,175	+1,184	+991
Liquid Sugar	+ 7	+274	+238	+162	+130	+811	+217	+594
Sub total - Bulk	<u>+ 61</u>	<u>+350</u>	<u>+891</u>	<u>+1,429</u>	<u>+255</u>	<u>+2,986</u>	<u>+1,401</u>	<u>+1,585</u>
Industrial Pkgs. ^{3/}	+ 71	+250	+233	+333	+560	+1,447	+866	+581
Percent								
<u>Industrial</u>								
Bakers, Cereal Etc.	-3.8	+4.1	+8.3	+6.0	+17.1	+6.8	+5.8	+7.3
Confectioners, Etc.	-5.0	+7.8	+27.4	+0.4	+32.3	+7.8	+25.9	+2.7
Ice Cream, Dairy	-2.4	-4.6	+22.8	+5.5	+17.8	+8.6	+11.6	+7.1
Beverages	+1.0	+4.6	+14.9	+10.1	+19.4	+11.2	+18.6	+9.5
Canners, Etc.	+56.0	+4.6	+18.7	+12.1	+6.5	+12.3	+18.9	+7.3
Multiple Uses	+32.5	+13.6	+12.2	+9.3	+22.3	+15.2	+24.3	+13.4
Non Food	-19.0	-4.4	+17.3	+23.6	+66.7	+11.2	+38.5	+10.1
Sub total	<u>+6.0</u>	<u>+5.2</u>	<u>+15.6</u>	<u>+7.2</u>	<u>+16.7</u>	<u>+9.7</u>	<u>+15.6</u>	<u>+7.5</u>
<u>Non Industrial</u>								
Hotels, Restaurants, etc.	-5.3	+4.4	+22.8	+57.4	+10.7	+15.2	+225.0	+10.9
Wholesalers, etc.	+4.0	-1.3	-4.2	+5.8	-4.1	-0.2	+5.0	-1.7
Retailers	-0.3	-6.8	+4.6	+10.9	+9.1	+3.9	+6.7	+3.2
All Other	-22.2	+74.0	-34.9	+36.6	-1.0	-1.5	+9.7	-5.3
Sub total	<u>+1.7</u>	<u>-2.0</u>	<u>-2.5</u>	<u>+7.9</u>	<u>+0.1</u>	<u>+1.3</u>	<u>+6.3</u>	<u>--</u>
<u>Total Deliveries</u>	<u>+4.0</u>	<u>+2.8</u>	<u>+5.4</u>	<u>+7.5</u>	<u>+9.0</u>	<u>+5.9</u>	<u>+11.9</u>	<u>+3.9</u>
Consumer Size Pkgs. ^{2/}	+2.3	-1.8	+1.0	+2.2	+5.3	+1.5	+2.6	+1.2
Balance-Industrial and Institutional	<u>+4.9</u>	<u>+4.1</u>	<u>+8.5</u>	<u>+9.6</u>	<u>+10.7</u>	<u>+7.9</u>	<u>+14.5</u>	<u>+5.3</u>
Bulk Granulated	+14.5	+1.7	+41.8	+22.8	+5.0	+15.1	+21.5	+11.2
Liquid Sugar	+0.6	+5.2	+8.6	+4.6	+7.1	+5.6	+12.2	+4.7
Sub total - Bulk	<u>+6.1</u>	<u>+3.6</u>	<u>+20.6</u>	<u>+15.8</u>	<u>+5.9</u>	<u>+10.4</u>	<u>+19.2</u>	<u>+7.4</u>
Industrial Pkgs. ^{3/}	<u>+5.7</u>	<u>+5.1</u>	<u>+2.6</u>	<u>+3.6</u>	<u>+17.2</u>	<u>+5.3</u>	<u>+10.4</u>	<u>+3.0</u>

^{1/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis. ^{2/} Granulated less than 50 lbs. ^{3/} Granulated 50 lbs. and over

increase for bulk sugar of 10.4 percent. Since industrial users have limited bulk storage facilities it would appear that a considerable amount of the increased deliveries during the first half of 1963 moved into finished products.

The largest volume increase to industrial users was in deliveries to the beverage industry (mostly soft drinks), which totalled 1,426,000 hundredweight, about half of which was to establishments in the South.

Western States had the largest percentage increase in total deliveries. In these states there was the largest percentage increase in deliveries of consumer size and industrial packages of sugar to all regions, and conversely the smallest percentage increase in bulk sugar deliveries. With the highest percentage increase of all regions in direct deliveries to industrial users and with the increase in deliveries of industrial packages it would appear that there was a considerable increase in sugar stocks in this region during the first half of 1963.

While total U. S. direct deliveries to all sugar using industries increased, the smallest percentage increase was to the baking industry. Most of this industry making direct purchases from primary distributors has converted to bulk facilities and their production of finished products is more dependent on immediate demand than in the case for other users. Regionally, the largest percentage increase in deliveries to bakers was in the West where deliveries of industrial packages of sugar increased significantly.

ADMINISTRATIVE ACTIONSDate announcedNature of action

August 27,
1963

Modifies sugar import regulations to permit importers to extend the date of importation specified in their agreements with the Department to the maximum time limitations prescribed, but not beyond Dec. 31, 1963.

The terminal dates of Oct. 31 and Nov. 15 for importation of global quota sugar have been extended to Dec. 31. However, the date of importation may not be extended beyond 235 days from the date of approval of the set-aside agreement, covering global quota sugar.

The regulations also permit the date of importation in set-aside agreements covering country quota and deficit allocation sugar to be extended to the maximum limitation of 140 days, but not later than Dec. 31, 1963. (See August 30, 1963 Federal Register).

August 29,
1963

Determination of sugar commercially recoverable for the 1963 crop, Sugar Beet Area. (See August 29, 1963 Federal Register).

September 11,
1963

Fair and reasonable rates determination for processing 1963-crop Hawaiian sugarcane. (See September 14, 1963 Federal Register).

STATISTICAL SERIES IN THIS ISSUEHIGHLIGHTS

1. August 1963 sugar deliveries for continental U. S. consumption, 907,752 short tons, raw value (preliminary) up about 109,000 from July 1963 but down 159,000 tons from August 1962. January-August 1963 deliveries 6,466,138 short tons, raw value, down about 10,000 tons from the January-August 1962 period. Final data for July 1963 deliveries 799,000 -- previously published preliminary as 802,000 tons.

2. Primary distributors' stocks August 31, 1963 were 1,263,896 short tons, raw value (preliminary) up 366,000 tons from year earlier but down 240,000 tons from end July 1963. During August beet processors' stocks decreased about 159,000 tons, refiners' stocks about 74,000 tons, importers of direct consumption sugar stocks about 7,000 tons, and mainland sugarcane processors' stocks about 1,000 tons.

3. Charges to 1963 quotas to September 13, 1963 were 7,706,094 short tons, raw value, leaving a balance of 2,693,906 short tons, of which 105,337 tons were direct-consumption sugar.

4. Regionally, January-July deliveries, 1963 as compared with 1962, were up to 4 of the 5 regions -- Increases: North Central 3.8 percent, Middle Atlantic 3.6 percent, South 2.3 percent, New England 2.1 percent; Decrease: Western 5.9 percent.

5. Second quarter 1963 sugar deliveries were larger to each type of industrial buyer than for the same 1962 period, and also larger to 2 of the 4 group types of non-industrial buyers. To industrial buyers the national increase was 7.6 percent, but to non-industrial buyers the national total sugar deliveries were down 4.2 percent. Corn refiners' total domestic shipments of corn sirup and dextrose were up 16.0 percent.

Table 1. - Sugar supply and disposition by primary distributors, January-July 1963

(Short tons, raw value)

Item	Beet proc- essors	Importers	Main- land cane proc- essors ^{1/}	Raw	Refined	Net total
	(1)	(2)	(3)	(4)	(5)	(6)
SUPPLY						
1. <u>Inventory Jan. 1, 1963</u>	1,368,426	27,395	11,938	600,060 ^{2/}	252,748 ^{2/}	2,260,567
2. <u>Production and movement</u>						
a. Received as direct- consumption sugar	0	141,226	0	0	0	141,226
b. Produced from beets or cane	641,181	0	255,428	96	0)	
Less deliveries to refiners	0	0	241,789	0	0)	654,916 ^{3/}
c. Receipts of raws by refiners	0	0	0	4,053,784 ^{4/}	0)	
Less raws melted	0	0	0	4,121,486	0)	- 67,702 ^{5/}
d. Refined from raws melted	0	0	0	0	4,107,620	4,107,620
e. Adjustments	- 241	- 50	- 925	- 518	- 4,607	- 6,341
f. Sub-total	640,940	141,176	12,714	-68,124	4,103,013	4,829,719
3. <u>Net total supply</u>	2,009,366	168,571	24,652	531,936	4,355,761	7,090,286
DISPOSITION						
4. <u>Distribution for</u>						
a. Quota purposes	1,399,371	127,231	23,028	8,534	4,000,222	5,558,386
b. Export	0	0	0	0	21,295	21,295
c. Livestock feed	0	4,362	0	0	2,047	6,409
d. Sub-total	1,399,371	131,593	23,028	8,534	4,023,564	5,586,090
5. <u>Inventory July 31, 1963</u>	609,995	36,978	1,624	523,402 ^{6/}	332,197 ^{6/}	1,504,196
6. Total distribution and inventory	2,009,366	168,571	24,652	531,936	4,355,761	7,090,286

^{1/} Establishments that acquire no raw sugar from others for refining. Processor-refiners are included with refiners.

^{2/} Includes Mainland cane sugar not charged to quota: Raws, 36,791; Refined, 16,399; Total, 53,190.

^{3/} Production less deliveries of raw sugar to refiners.

^{4/} Includes 241,849 tons received from mainland cane processors.

^{5/} Receipts of raw sugar by refiners less melt.

^{6/} Includes mainland cane sugar not charged to quota: Raws, 0; Refined, 5,139; Total, 5,139.

Table 2. Distribution of sugar by primary distributors, January-July 1963 and 1962

Item	1963	1962	Change 1962 to 1963
Short tons, raw value			
Continental United States			
Refiners' raw	8,534	608	+ 7,926
Refiners' refined	4,023,564	3,961,542	+ 62,022
Sub-total	4,032,098	3,962,150	+ 69,948
Beet processors' refined	1,399,371	1,278,240	+ 121,131
Importers' direct consumption	131,593	209,503	- 77,910
Mainland sugarcane processors'	23,028	17,813	+ 5,215
Total	5,586,090	5,467,706	+ 118,384
For: Export	21,295	33,402	- 12,107
Livestock feed	6,409	25,099	- 18,690
Continental consumption ^{1/}	5,558,386	5,409,205	+ 149,181
Puerto Rico	67,735	58,172	+ 9,563
Hawaii	30,000 ^{2/}	29,254	+ 746
^{1/} Includes deliveries for United States Military forces at home and abroad. ^{2/} Estimated.			

Table 3. Stocks of sugar held by primary distributors in the continental United States, July 31, 1963 and 1962

Item	1963	1962	Change 1962 to 1963
Short tons, raw value			
Refiners' raw	523,402	442,723	+ 80,679
Refiners' refined	332,197	284,463	+ 47,734
Sub-total ^{1/}	855,599	727,186	+ 128,413
Beet processors' refined	609,995	521,106	+ 88,889
Importers' direct consumption	36,978	45,072	- 8,094
Mainland sugarcane processors'	1,624	21,230	- 19,606
Total	1,504,196	1,314,594	+ 189,602

^{1/} Included mainland cane sugar not charged to quota: 1963 - Raws, 0; Refined, 5,139; Total, 5,139; 1962 - Raws, 10,468; Refined, 6,903; Total, 17,371

Table 4. Distribution of sugar by primary distributors in the continental United States, August and January-August 1963 and 1962

Item	1963 ^{1/}	1962
	August	Jan.-August
Short tons, raw value		
Refiners	625,890	4,657,988
Beet processors' refined	259,380	1,658,751
Importers' direct consumption	21,482	153,075
Mainland sugarcane processors'	1,000 ^{2/}	24,028
Total	907,752	6,493,842
For: Export	n.a.	21,295
Livestock feed	n.a.	6,409
Continental consumption ^{3/}	907,752	6,466,138

^{1/} Preliminary. ^{2/} Estimated. ^{3/} Includes deliveries for U.S. military forces at home and abroad.

Table 5. Stocks of sugar held by primary distributors in the continental United States, August 31, 1963 and August 31, 1962

Item	1963 ^{1/}	1962	Change 1962 to 1963
Short tons, raw value			
Refiners' raw	459,649	299,004	+ 160,645
Refiners' refined	322,434	238,320	+ 84,114
Sub-total	782,083	537,324	+ 244,759
Beet processors' refined	450,878	321,495	+ 129,383
Importers' direct consumption	29,935	38,017	- 8,082
Mainland sugarcane processors'	1,000 ^{2/}	769	+ 231
Total	1,263,896	897,605	+ 366,291

^{1/} Preliminary. ^{2/} Estimated.

Table 6. Mainland sugar: Production and quota charges January-July 1963 and 1962

Item	1963	1962	Change 1962 to 1963
Short tons, raw value			
Production			
Mainland cane	253,962	167,504	+ 86,458
Domestic beet	640,940	530,791	+ 110,149
Total	894,902	698,295	+ 196,607
Quota charges:			
Mainland cane:			
Louisiana sugarcane processors			
For further processing	0	27,796	- 27,796
For direct-consumption	8,032	12,229	- 4,197
Louisiana processor-refiners	47,604	67,785	- 20,181
Florida sugarcane processors	256,691	109,942	+ 146,749
Sub-total	312,327	217,752	+ 94,575
Beet processors	1,399,371	1,278,240	+ 121,131
Total	1,711,698	1,495,992	+ 215,706

Table 7. Sugar receipts of refiners and importers by source of supply^{1/} January-July 1963 and 1962

Source of Supply	Raw sugar		Direct-consumption		Total	
	1963	1962	1963	1962	1963	1962
Short tons, raw value						
Offshore						
Foreign						
Cuba	0	0	0	0	0	0
Dominican Republic	389,350	564,090	0	12,140	389,350	576,230
Mexico	314,670	389,083	0	8,505	314,670	397,588
Peru	199,607	308,647	0	5,196	199,607	313,843
Philippines	652,651	826,600	20,754	27,713	673,405	854,313
Other countries (See details in Table 9.)	1,038,707	358,628	24,278	46,117	1,062,985	404,745
Sub-total	2,594,985	2,447,048	45,032	99,671	2,640,017	2,546,719
Domestic						
Hawaii	596,167	632,200	0 ^{2/}	5,740 ^{2/}	596,167	637,940
Puerto Rico	612,368	629,998	96,194	92,979	708,562	722,977
Virgin Islands	5,727	10,750	0	0	5,727	10,750
Sub-total	1,214,262	1,272,948	96,194	98,719	1,310,456	1,371,667
Total offshore	3,809,247	3,719,996	141,226	198,390	3,950,473	3,918,386
Mainland cane area						
Acquired for reprocessing and samples	241,945	152,180	0 ^{3/}	0 ^{3/}	241,945	152,180
Grand total	4,053,880	3,875,611	141,226	198,390	4,195,106	4,074,001

1/ Includes sugar as detailed in Table 8. 2/ Refined sugar received by refiners. 3/ Refined sugar produced direct from cane by processor-refiner.

Table 8. Receipts of quota-exempt and over-quota sugar included in Table 7.

Purpose	Refiners		Importers		Total	
	1963	1962	1963	1962	1963	1962
Short tons, raw value						
For: Export	10,967	44,594	0	6,324	10,967	50,918
Livestock feed	0	2,410	15,124	24,666	15,124	27,076
Later release						
Bonded	0	0	0	0	0	0
In customs custody	0	0	0	0	0	0
Total	10,967	47,004	15,124	30,990	26,091	77,994

Table 9.- Sugar receipts of refiners and importers by source of supply - Detail of other foreign countries, January-July 1963 and 1962

	Raw sugar		Direct-consumption sugar		Total	
	1963	1962	1963	1962	1963	1962
	Short tons, raw value					
Argentina	76,571	0	0	0	76,571	0
Australia	52,239	12,296	0	0	52,239	12,296
Belgium	7,365	0	0	2,123	7,365	2,123
Brazil	219,692	87,190	0	0	219,692	87,190
British West Indies	115,181	9,995	0	460	115,181	10,455
Canada	0	0	10	3,584	10	3,584
China, Republic of	51,157	40,131	0	0	51,157	40,131
Colombia	23,316	32,034	0	1,186	23,316	33,220
Costa Rica	28,526	7,994	0	1,902	28,526	9,896
Ecuador	18,338	0	0	0	18,338	0
El Salvador	18,967	5,046	0	0	18,967	5,046
Fiji Islands	0	4,970	0	0	0	4,970
France	22,947	0	3,734	0	26,681	0
French West Indies	85,864	28,555	0	0	85,864	28,555
Germany, West	0	0	10	11	10	11
Guatemala	43,505	0	0	4,995	43,505	4,995
Haiti	34,556	7,280	0	2,563	34,556	9,843
Hong Kong	0	0	10	53	10	53
India	81,950	92,234	0	0	81,950	92,234
Ireland	0	0	4,985	5,006	4,985	5,006
Japan	0	0	1	1	1	1
Mauritus	0	0	0	0	0	0
Netherlands	0	0	0	295	0	295
Nicaragua	32,329	30,903	0	5,596	32,329	36,499
Panama	6,144	0	3,815	3,784	9,959	3,784
Paraguay	0	0	4,691	10	4,691	10
Poland	0	0	0	0	0	0
Reunion	20,870	0	0	0	20,870	0
South Africa	75,423	0	0	6,187	75,423	6,187
Southern Rhodesia	5,265	0	0	0	5,265	0
Sweden	0	0	2	9	2	9
Turkey	6,586	0	7,010	4,718	13,596	4,718
United Kingdom	0	0	10	3,634	10	3,634
Venezuela	11,916	0	0	0	11,916	0
Total	1,038,707	358,628	24,278	46,117	1,062,985	404,745

Table 10. Status of 1963 quotas and charges as of August 31, 1963

Source of Supply	:	:	:	Balances	
	Quotas	:	:	:	Direct-
	and	:	Total 1/	:	Consumption
	Prorations	:	Charges	Total	Limits
Short tons, raw value					
Domestic Beet sugar	2,698,590 2/		1,659,000	1,039,590	-
Mainland Cane sugar	1,009,873		315,000	694,873	-
Hawaii	1,110,000		718,742 4/	391,258	35,542
Puerto Rico	870,000 2/		790,771 3/4/	79,229	40,156
Virgin Islands	15,000		15,000	0	0
Total domestic areas	5,703,463		3,498,513	2,204,950	75,698
Republic of the Philippines	1,207,618		1,012,847	194,771	31,870
Details for quota prorated by countries					
Argentina	20,000		9,078	10,922	
Australia	43,339		10,738	32,601	
Belgium	182		181	1	1
Brazil	195,793		0	195,793	
British Honduras	10,758		1,756	9,002	
British West Indies	98,050		85,662	12,388	
China, Republic of	38,114		38,114	0	
Colombia	32,581		0	32,581	
Costa Rica	27,048		25,423	1,625	
Dominican Republic	336,243		261,517	74,726	
Ecuador	27,048		277	26,771	
El Salvador	11,065		10,361	704	
Fiji Islands	10,758		0	10,758	
French West Indies	32,581		31,430	1,151	
Guatemala	21,823		21,823	0	
Haiti	21,823		15,828	5,995	
India	21,823		20,891	932	
Ireland	10,000		4,975	5,025	5,025
Mexico	206,243		186,867	19,376	
Nicaragua	27,048		17,144	9,904	
Panama	16,290		11,514	4,776	1
Paraguay	10,758		0	10,758	
Peru	206,243		126,725	79,518	
South Africa	21,823		21,823	0	
Western Hemisphere Deficits	315,827		301,479	14,348	
Global quota: Authorized for purchase	1,725,658		1,721,929	3,729	
Total foreign countries (excluding Philippines)	3,488,919		2,925,535	563,384	5,027
Grand total	10,400,000		7,436,895	2,963,105	112,595

^{1/} Domestic beet and Mainland cane sugar marketings partly estimated; all other sugar entered, authorized for entry or set aside as of August 31, 1963.

^{2/} Despite deficits declared, the quota of 1,140,000 for Puerto Rico and 2,990,127 for Domestic Beet sugar remain available.

^{3/} In addition, 174 tons of raw sugar were brought in for subsequent return to Puerto Rico.

^{4/} Includes raw sugar for direct consumption: Hawaii, 26 tons; Puerto Rico, 5,553 tons.

Table 11. - Foreign countries charges (excluding Philippines) January 1, 1963 - August 31, 1963
Detail for Table 10.

Source of Supply	Basic	Global	Deficit	Total
Short tons, raw value				
Argentina	9,078	217,925		227,003
Australia	10,738	174,916		185,654
Belgium	181	7,614		7,795
Brazil	0	281,594		281,594
British Honduras	1,756			1,756
British West Indies	85,662		45,480	131,142
China, Republic of	38,114	33,585		71,699
Colombia	0	45,409		45,409
Costa Rica	25,423	12,750		38,173
Dominican Republic	261,517	198,974	72,309	532,800
Ecuador	277	28,352		28,629
El Salvador	10,361	6,649	1,945	18,955
Fiji Islands	0	38,525		38,525
France		22,935		22,935
French West Indies	31,430	61,657	945	94,032
Guatemala	21,823	16,655	12,857	51,335
Haiti	15,828	11,555	7,162	34,545
India	20,891	99,260		120,151
Ireland	4,975			4,975
Mauritius		67,296		67,296
Mexico	186,867	21,840	160,781	369,488
Nicaragua	17,144	15,176		32,320
Panama	11,514			11,514
Paraguay	0			0
Peru	126,725	209,459		336,184
Reunion		9,903		9,903
South Africa	21,823	110,826		132,649
Southern Rhodesia		10,589		10,589
Turkey		6,578		6,578
Venezuela		11,907		11,907
Total	902,127	1,721,929	301,479	2,925,535

In addition to quantities shown, there is in Custom's custody: Hong Kong 2 tons; United Kingdom 3 tons.

Table 12. Quota-exempt sugar ^{1/} entered under Sections 211(a) and 212 (4) as of August 31, 1963

Country	For	Sugar under bond	Total
	Reexport	Feed for refining	
Short tons, raw value			
France	5,072		5,072
Paraguay	4,718		4,718
Reunion	10,967		10,967
Turkey	6,695		6,695
Virgin Islands		551	551
Total	10,967	16,485	28,003

^{1/} In addition a total of 400 tons were entered under provisions of Sec. 212; first 10 tons 293; and liquid sugar in small containers 107 tons.

Table 13..Status of 1963 quotas and charges as of September 13, 1963

Source of Supply	Quotas and Prorations	Total Charges ^{1/}	Balances	
			Total	Direct- Consumption Limits
			Short tons, raw value	
Domestic Beet sugar	2,698,590 ^{2/}	1,760,000	938,590	-
Mainland Cane sugar	1,009,873	316,000	693,873	-
Hawaii	1,110,000	759,006 ^{4/}	350,994	35,542
Puerto Rico	870,000 ^{2/}	797,709 ^{3/4/}	72,291	32,895
Virgin Islands	15,000	15,000	0	-
Total domestic areas	5,703,463	3,647,715	2,055,748	68,437
Republic of the Philippines	1,207,618	1,043,062	164,556	31,873
<u>Details for quota prorated by countries</u>				
Argentina	20,000	9,078	10,922	
Australia	43,339	10,738	32,601	
Belgium	182	181	1	1
Brazil	195,793	13,789	182,004	
British Honduras	10,758	1,756	9,002	
British West Indies	98,050	85,662	12,388	
China, Republic of	38,114	38,114	0	
Colombia	32,581	0	32,581	
Costa Rica	27,048	25,423	1,625	
Dominican Republic	336,243	282,397	53,846	
Ecuador	27,048	277	26,771	
El Salvador	11,065	10,361	704	
Fiji Islands	10,758	0	10,758	
French West Indies	32,581	31,430	1,151	
Guatemala	21,823	21,823	0	
Haiti	21,823	21,823	0	
India	21,823	20,891	932	
Ireland	10,000	4,975	5,025	5,025
Mexico	206,243	186,867	19,376	
Nicaragua	27,048	17,144	9,904	
Panama	16,290	11,514	4,776	1
Paraguay	10,758	0	10,758	
Peru	206,243	172,256	33,987	
South Africa	21,823	21,823	0	
Western Hemisphere Deficits	315,827	301,469	14,358	
Global quota: Authorized for purchase	1,725,658	1,725,526	132	
Total foreign countries (excluding Philippines)	<u>3,488,919</u>	<u>3,015,317</u>	<u>473,602</u>	<u>5,027</u>
Grand total	10,400,000	7,706,094	2,693,906	105,337

^{1/} Domestic Beet and Mainland cane sugar marketings partly estimated; all other sugar entered, authorized for entry or set aside as of September 13, 1963.

^{2/} Despite deficits declared, the quotas of 1,110,000 for Puerto Rico and 2,990,127 for Domestic Beet sugar remain available.

^{3/} In addition, 174 tons of raw sugar were brought in for subsequent return to Puerto Rico.

^{4/} Includes raw sugar for direct consumption: Hawaii 26 tons; Puerto Rico 5,553 tons.

Table 14. Foreign countries charges (excluding Philippines) January 1, 1963 - September 13, 1963
Detail for Table 13.

Source of Supply	Basic	Global	Deficit	Total
Short tons, raw value				
Argentina	9,078	218,161		227,239
Australia	10,738	180,686		191,424
Belgium	181	7,614		7,795
Brazil	13,789	280,569		294,358
British Honduras	1,756			1,756
British West Indies	85,662		45,480	131,142
China, Republic of	38,114	33,585		71,699
Colombia	0	45,213		45,213
Costa Rica	25,423	12,764		38,187
Dominican Republic	282,397	197,558	72,309	552,264
Ecuador	277	28,352		28,629
El Salvador	10,361	6,649	1,945	18,955
Fiji Islands	0	38,605		38,605
France	0	22,935		22,935
French West Indies	31,430	61,700	945	94,075
Guatemala	21,823	16,655	12,833	51,311
Haiti	21,823	11,555	7,162	40,540
India	20,891	99,261		120,152
Ireland	4,975			4,975
Mauritius	0	67,286		67,286
Mexico	186,867	21,840	160,795	369,502
Nicaragua	17,144	15,176		32,320
Panama	11,514			11,514
Paraguay	0			0
Peru	172,256	209,559		381,815
Reunion	0	9,903		9,903
South Africa	21,823	110,826		132,649
Southern Rhodesia	0	10,589		10,589
Turkey	0	6,578		6,578
Venezuela	0	11,907		11,907
Total	988,322	1,725,526	301,469	3,015,317

In addition to quantities shown, there is in Custom's custody: Hong Kong 4 tons; Mexico 5 tons; United Kingdom 3 tons.

Table 15. Quota-exempt sugar ^{1/} entered under Sections 211(a) and 212 (4) as of September 13, 1963

Country	For Reexport	For Feed	Sugar under bond for refining	Total
Short tons, raw value				
France		5,065		5,065
Panama	134	134		268
Paraguay		4,718		4,718
Reunion	10,967			10,967
Turkey		7,034		7,034
Virgin Islands			551	551
Total	11,101	16,951	551	28,603

1/In addition, a total of 422 tons were entered under provisions of Sec. 212; first 10 tons 313 and liquid sugar in small containers 109 tons.

Table 16. - Primary distribution of sugar, continental United States, by States, July 1963

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights ^{1/}					
New England					
Connecticut	102,446		1,460		103,906
Maine	55,814				55,814
Massachusetts	325,185		3,888		329,073
New Hampshire	31,701				31,701
Rhode Island	29,672		614		30,286
Vermont	16,201		31		16,232
Sub-total	561,019		5,993		567,012
Mid-Atlantic					
New Jersey	621,262		71,743		693,005
New York	1,320,752	7,796	55,959		1,384,507
Pennsylvania	906,398	2,800	86,249		995,447
Sub-total	2,848,412	10,596	213,951		3,072,959
North Central					
Illinois	923,956	693,524		14,842	1,632,322
Indiana	318,440	127,471	150		446,061
Iowa	41,346	146,485			187,831
Kansas	33,322	68,973		600	102,895
Michigan	322,198	268,409			590,607
Minnesota	22,168	181,040			203,208
Missouri	263,207	149,872		480	413,559
Nebraska	13,457	99,126			112,583
North Dakota	910	33,833			34,743
Ohio	560,853	77,289	2,649		640,791
South Dakota	1,019	25,256			26,275
Wisconsin	128,823	169,263			298,086
Sub-total	2,629,699	2,040,541	2,799	15,922	4,688,961
Southern					
Alabama	242,774				242,774
Arkansas	110,326				110,326
Delaware	15,229				15,229
District of Columbia	29,388		1,337		30,725
Florida	178,683		37,575	23	216,281
Georgia	524,811		2,565		527,376
Kentucky	207,502			11	207,513
Louisiana	281,662		27	2,114	283,803
Maryland	362,560		30,294		392,854
Mississippi	136,774				136,774
North Carolina	278,022		7,185		285,207
Oklahoma	132,642	36,088			168,730
South Carolina	134,834		1,115		135,949
Tennessee	232,571			9,000	241,571
Texas	735,889	123,465	7,280		866,634
Virginia	207,603	800	16,096		224,499
West Virginia	59,346	1,000	125		60,471
Sub-total	3,870,616	161,353	103,599	11,148	4,146,716
Western					
Alaska	1,804	727			2,531
Arizona	21,562	16,119			37,681
California	695,561	1,070,519	-49		1,766,031
Colorado	5,795	101,729			107,524
Idaho	2,658	31,204			33,862
Montana	2,001	25,215			27,216
Nevada	7,810	4,348			12,158
New Mexico	7,725	13,086			20,811
Oregon	63,062	125,276	11,367		199,705
Utah	4,747	55,514			60,261
Washington	52,594	191,937	10,100		254,631
Wyoming	506	8,339			8,845
Sub-total	865,825	1,644,013	21,418		2,531,256
Grand total	10,775,571	3,856,503	347,760	27,070	15,006,904

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 17. - Primary distribution of sugar, continental United States, by States, January-July 1963

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights ^{1/}					
<u>New England</u>					
Connecticut	754,918		6,155	550	761,623
Maine	381,373				381,373
Massachusetts	2,965,604		24,940	1,000	2,991,544
New Hampshire	215,572				215,572
Rhode Island	266,179		21,814		287,993
Vermont	147,432		31		147,463
Sub-total	4,731,078		52,940	1,550	4,785,568
<u>Mid-Atlantic</u>					
New Jersey	4,697,850	6,600	390,245	1,500	5,096,195
New York	9,728,400	109,561	413,896		10,251,857
Pennsylvania	6,500,769	197,556	553,545	600	7,252,470
Sub-total	20,927,019	313,717	1,357,686	2,100	22,600,522
<u>North Central</u>					
Illinois	5,302,332	5,902,305	3,718	64,359	11,272,714
Indiana	2,133,753	905,829	750	710	3,041,042
Iowa	388,866	918,239	9,439	6,638	1,323,182
Kansas	256,468	540,031		3,000	799,499
Michigan	1,901,026	1,904,402			3,805,428
Minnesota	273,410	1,151,671	1,000		1,426,081
Missouri	1,799,473	1,043,213	4,570	4,720	2,851,976
Nebraska	140,276	742,879	2,000	1,260	886,415
North Dakota	1,444	198,654			200,098
Ohio	4,106,382	631,818	8,649		4,746,849
South Dakota	16,511	222,310			238,821
Wisconsin	893,467	1,226,153	3,160		2,122,780
Sub-total	17,213,408	15,387,504	33,286	80,687	32,714,885
<u>Southern</u>					
Alabama	1,599,033		400	1,800	1,601,233
Arkansas	695,812	26,986		2,000	724,798
Delaware	127,059		4,046		131,105
District of Columbia	223,757		19,192		242,949
Florida	1,880,176		258,135	272,503	2,410,814
Georgia	3,484,641		4,270	8,260	3,497,171
Kentucky	1,509,474		100	11	1,509,585
Louisiana	2,091,054		5,102	22,498	2,118,654
Maryland	2,271,810	1,000	154,810		2,427,620
Mississippi	921,627		720	4,587	926,934
North Carolina	2,365,365		65,045	1,100	2,431,510
Oklahoma	807,694	177,123			984,817
South Carolina	1,022,286		7,327		1,029,613
Tennessee	2,176,640			32,303	2,208,943
Texas	4,287,836	912,376	65,427	2,105	5,267,744
Virginia	1,555,158	15,640	164,675		1,735,473
West Virginia	465,619	4,760	12,820		483,199
Sub-total	27,485,041	1,137,885	762,069	347,167	29,732,162
<u>Western</u>					
Alaska	23,697	9,303			33,000
Arizona	257,521	156,540			414,061
California	3,803,556	5,751,986	100,515		9,656,057
Colorado	56,824	727,737		450	785,011
Idaho	30,830	170,115			200,945
Montana	15,300	194,018			209,318
Nevada	42,529	35,456			77,985
New Mexico	53,377	110,483			163,860
Oregon	321,700	714,708	28,494	600	1,065,502
Utah	43,345	371,361		400	415,106
Washington	357,041	1,028,366	39,844		1,425,251
Wyoming	3,711	49,264			52,975
Sub-total	5,009,431	9,319,337	168,853	1,450	14,499,071
Grand total	75,365,977	26,158,443	2,374,834	432,954	104,332,208

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 18.- Primary distribution of sugar, continental United States, by states, January-July 1963 and 1962

State and Region	Cane sugar		Beet		Total all	
	refiners		processors		Primary Distributors ^{1/}	
	1963	1962	1963	1962	1963	1962
Thousands of hundredweights ^{2/}						
New England						
Connecticut	755	748			762	757
Maine	381	376			381	376
Massachusetts	2,966	2,862			2,992	2,881
New Hampshire	216	228			216	228
Rhode Island	266	275			288	290
Vermont	147	143			147	169
Sub-total	4,731	4,632			4,786	4,701
Mid-Atlantic						
New Jersey	4,698	4,140	7		5,096	4,555
New York	9,728	9,666	110	127	10,252	10,322
Pennsylvania	6,501	6,389	197	22	7,252	7,145
Sub-total	20,927	20,195	314	149	22,600	22,022
North Central						
Illinois	5,302	5,332	5,902	5,309	11,273	10,748
Indiana	2,134	2,011	906	658	3,041	2,673
Iowa	389	288	918	883	1,323	1,180
Kansas	257	243	540	572	800	818
Michigan	1,901	1,813	1,904	1,931	3,805	3,757
Minnesota	273	237	1,152	1,080	1,426	1,322
Missouri	1,800	1,598	1,043	1,055	2,852	2,674
Nebraska	140	127	743	680	886	810
North Dakota	1	1	199	170	200	171
Ohio	4,106	4,171	632	596	4,747	4,815
South Dakota	17	15	222	260	239	275
Wisconsin	893	740	1,226	1,258	2,123	2,004
Sub-total	17,213	16,576	15,387	14,452	32,715	31,247
Southern						
Alabama	1,599	1,588			1,601	1,605
Arkansas	696	697	27	23	725	720
Delaware	127	179			131	184
District of Columbia	224	218			243	247
Florida	1,880	1,676			2,411	2,370
Georgia	3,485	3,321			3,497	3,364
Kentucky	1,509	1,523			1,509	1,531
Louisiana	2,091	2,206			2,119	2,245
Maryland	2,272	2,219	1		2,428	2,424
Mississippi	922	980			927	987
North Carolina	2,365	2,210			2,431	2,357
Oklahoma	808	749	177	159	985	908
South Carolina	1,022	1,029			1,030	1,061
Tennessee	2,177	2,086			2,209	2,131
Texas	4,288	4,309	912	754	5,268	5,086
Virginia	1,555	1,370	16	3	1,735	1,696
West Virginia	465	516	5	9	483	543
Sub-total	27,485	26,876	1,138	948	29,732	29,459
Western						
Alaska	24	20	9	11	33	31
Arizona	257	241	157	157	414	399
California	3,804	4,066	5,752	4,942	9,656	9,119
Colorado	57	48	728	667	785	715
Idaho	31	33	170	164	201	197
Montana	15	14	194	193	209	207
Nevada	43	42	35	36	78	78
New Mexico	53	58	111	108	164	166
Oregon	322	366	715	693	1,066	1,090
Utah	43	36	371	349	415	385
Washington	357	398	1,028	976	1,425	1,421
Wyoming	4	4	49	49	53	53
Sub-total	5,010	5,326	9,319	8,345	14,499	13,861
Grand total	75,366	73,605	26,158	23,894	104,332	101,290

^{1/} Includes deliveries by importers of direct-consumption sugar and mainland cane sugar mills.^{2/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 19.- Sugar deliveries, by type of product or business of buyer and by type of sugar, second quarter 1963 ^{1/}UNITED STATES

Product or business of buyer	:	:	:	:	:	Liquid sugar included	
	Beet	Cane	Imported	Total	in totals		
	(Total)	(Total)	D.C.	all sugar	:	:	
	:	:	(Total)	:	Beet	Cane	
<hr/>							
				Hundredweights	2/		
<hr/>							
<u>Industrial</u>							
Bakery, cereal and allied products	1,782,372	3,927,601	148,707	5,858,680	38,856	629,535	
Confectionery and related products	1,140,821	3,137,434	197,876	4,476,131	47,967	721,060	
Ice cream and dairy products	763,166	1,662,665	59,486	2,485,317	270,873	1,130,543	
Beverages	1,703,734	6,447,545	90,489	8,241,768	510,992	3,821,272	
Canned, bottled, frozen foods, jams, jellies and preserves	1,820,270	1,776,544	241,364	3,838,178	176,354	596,144	
Multiple and all other food uses	277,599	1,073,572	18,384	1,369,555	71,026	253,892	
Non-food products	<u>16,453</u>	<u>298,220</u>	<u>29,639</u>	<u>344,312</u>	<u>1,319</u>	<u>64,973</u>	
Sub-total	7,504,415	18,323,581	785,945	26,613,941	1,117,387	7,217,419	
<hr/>							
<u>Non-industrial</u>							
Hotels, restaurants, institutions	14,032	309,969	3,800	327,801		15,463	
Wholesale grocers, jobbers, sugar dealers	2,821,305	9,078,360	331,349	12,231,014	28,073	32,098	
Retail grocers, chain stores, super markets	1,356,818	4,595,099	114,629	6,066,546	13,907	87,117	
All other deliveries, in- cluding deliveries to Government agencies	<u>161,409</u>	<u>361,580</u>	<u>4,726</u>	<u>527,715</u>	<u>13,322</u>	<u>31</u>	
Sub-total	4,353,564	14,345,008	454,504	19,153,076	55,302	134,709	
<u>TOTAL DELIVERIES</u>	11,857,979	32,668,589	1,240,449	45,767,017	1,172,689	7,352,128	
<hr/>							
Deliveries in consumer- size packages (less than 50 lbs.)	2,297,620	10,504,614	330,791	13,133,025			
Deliveries in bulk (unpackaged)	3,776,131	5,416,934		9,193,065			

^{1/} Represents approximately 97.4 percent of deliveries by primary distributors in continental United States.^{2/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis

Table 20.-Sugar deliveries, by type of product or business of buyer, second quarter 1963 and percentage change from second quarter 1962

Product or business of buyer	United States	New England	Middle Atlantic	North Central	South	West
<u>Hundredweights 1/</u>						
<u>Industrial</u>						
Bakery, cereal and allied products	5,858,680	160,103	1,450,959	2,496,218	985,314	766,086
Confectionery and related products	4,476,131	330,258	2,078,171	1,204,228	419,551	443,923
Ice cream and dairy products	2,485,317	120,109	519,934	775,294	698,922	371,058
Beverages	8,241,768	286,911	1,716,364	2,131,016	3,142,420	965,057
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	3,838,178	204,246	635,316	1,032,800	776,419	1,189,397
Multiple and all other food uses	1,369,555	56,012	384,038	350,323	155,154	424,028
Non-food products	<u>344,312</u>	<u>8,054</u>	<u>98,316</u>	<u>96,568</u>	<u>137,292</u>	<u>4,082</u>
Sub-total	26,613,941	1,165,693	6,883,098	8,086,447	6,315,072	4,163,631
<u>Non-industrial</u>						
Hotels, restaurants, institutions	327,801	26,742	56,733	45,776	71,953	126,597
Wholesale grocers, jobbers, sugar dealers	12,231,014	532,019	1,584,803	4,333,830	4,127,198	1,653,164
Retail grocers, chain stores, super markets	6,066,546	327,952	1,128,797	1,926,115	1,976,847	706,835
All other deliveries, including deliveries to Government agencies	<u>527,715</u>	<u>10,476</u>	<u>118,100</u>	<u>93,431</u>	<u>124,451</u>	<u>181,257</u>
Sub-total	19,153,076	897,189	2,888,433	6,399,152	6,300,449	2,667,853
TOTAL DELIVERIES	45,767,017	2,062,882	9,771,531	14,485,599	12,615,521	6,831,484
<u>Percentage change from second quarter 1962</u>						
<u>Industrial</u>						
Bakery, cereal and allied products	+ 4.6	- 13.0	+ 4.9	+ 1.4	+ 4.9	+ 20.8
Confectionery and related products	+ 10.0	+ 7.3	+ 9.1	- 1.2	+ 31.9	+ 39.5
Ice cream and dairy products	+ 7.8	- 5.9	+ 2.0	- 1.5	+ 25.6	+ 14.2
Beverages	+ 8.7	- 4.4	- 0.1	+ 10.1	+ 13.2	+ 12.6
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	+ 4.2	+ 24.2	- 5.2	- 0.4	+ 16.9	+ 3.6
Multiple and all other food uses	+ 18.1	+ 26.9	+ 25.6	+ 20.4	+ 8.0	+ 13.1
Non-food products	+ <u>2.2</u>	- <u>38.8</u>	- <u>1.0</u>	+ <u>24.0</u>	- <u>4.6</u>	+ <u>54.4</u>
Sub-total	+ 7.6	+ 2.1	+ 4.4	+ 3.5	+ 14.0	+ 13.8
<u>Non-industrial</u>						
Hotels, restaurants, institutions	+ 14.5	- 10.2	- 0.8	+ 75.0	+ 31.6	+ 6.8
Wholesale grocers, jobbers, sugar dealers	- 6.3	- 2.0	- 6.3	- 5.2	- 8.5	- 5.0
Retail grocers, chain stores, super markets	+ 0.4	- 2.8	- 17.0	+ 10.3	+ 4.8	- 1.4
All other deliveries, including deliveries to Government agencies	- <u>11.6</u>	- <u>33.5</u>	+ <u>51.9</u>	+ <u>14.8</u>	- <u>44.6</u>	- <u>8.0</u>
Sub-total	- 4.2	- 3.1	- 9.3	- 0.4	- 5.6	- 3.8
TOTAL	+ 2.3	- 0.2	0.0	+ 1.8	+ 3.3	+ 6.2

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 21. Deliveries of cane and beet sugar by primary distributors in consumer size packages (less than 50 lbs.) second quarter

1963			
Area	Cane sugar	Beet sugar	Total
	Hundredweights ^{1/}		
United States	10,835,405	2,293,523	13,128,928
New England	632,737	0	632,737
Middle Atlantic	2,080,476	0	2,080,476
North Central and West, combined ^{2/}	3,397,299	2,253,235	5,650,534
South	4,724,893	40,288	4,765,181

^{1/} Reported as produced or imported and delivered.

^{2/} Combined to avoid disclosure of individual company data. Total distribution in consumer-size packages in these areas: North Central, 3,840,473; West, 1,810,061.

Table 22. Deliveries of packaged, bulk, and liquid sugar (beet and cane) by primary distributors during first half 1963 and 1962 with comparisons

First half year	Region					U.S. total	Type of sugar	
	New England	Middle Atlantic	South	North Central	West		Beet	Cane
	1,000 hundredweights ^{1/}							
(1) Total direct deliveries								
1963	4,217	19,406	23,911	27,535	11,967	87,036	22,302	64,734
1962	4,054	18,886	22,695	25,613	10,975	82,223	19,922	62,301
Change	+163	+520	+1,216	+1,922	+992	+4,813	+2,380	+2,433
(2) Consumer-size packages (granulated, less than 50 lbs.)								
1963	1,372	4,334	9,583	7,482	3,533	26,304	4,435	21,869
1962	1,341	4,414	9,491	7,322	3,356	25,924	4,322	21,602
Change	+31	-80	+92	+160	+177	+380	+113	+267
(3) Other deliveries (industrial and institutional)								
1963	2,845	15,072	14,328	20,053	8,434	60,732	17,867	42,865
1962	2,713	14,472	13,204	18,291	7,619	56,299	15,600	40,699
Change	+132	+600	+1,124	+1,762	+815	+4,433	+2,267	+2,166
(a) Bulk granulated								
1963	427	4,432	2,214	6,830	2,649	16,552	6,685	9,867
1962	373	4,356	1,561	5,563	2,524	14,377	5,501	8,876
Change	+54	+76	+653	+1,267	+125	+2,175	+1,184	+991
(b) Liquid sugar								
1963	1,111	5,521	3,012	3,660	1,961	15,265	1,994	13,271
1962	1,104	5,247	2,774	3,498	1,831	14,454	1,777	12,677
Change	+7	+274	+238	+162	+130	+811	+217	+594
(c) Industrial and institutional packages (granulated 50 lbs. and over)								
1963	1,307	5,119	9,102	9,563	3,824	28,915	9,188	19,727
1962	1,236	4,869	8,869	9,230	3,264	27,468	8,322	19,146
Change	+71	+250	+233	+333	+560	+1,447	+866	+581

^{1/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 23. Dextrose sales, by type of product or business of buyer, second quarter 1963 and percentage change from second quarter 1962.

Product or business of buyer	United States	New England	Middle Atlantic	North Central	South	West
Hundredweights						
<u>Industrial</u>						
Bakery, cereal and allied products	1,364,067	63,958	241,049	551,499	322,017	185,544
Confectionery and related products	160,847	1,611	82,019	47,968	16,548	12,701
Ice cream and dairy products	51,205	1,976	14,024	16,801	12,390	6,014
Beverages	211,693	1,768	103,810	73,183	18,397	14,535
Canned, bottled, frozen foods, jams, jellies, preserves, etc.	146,612	761	24,510	57,611	51,641	12,089
Multiple and all other food uses	180,548	4,536	52,207	68,463	34,618	20,724
Non-food products	<u>339,572</u>	<u>72,891</u>	<u>102,431</u>	<u>76,996</u>	<u>72,904</u>	<u>14,350</u>
Sub-total	2,454,544	147,501	620,050	892,521	528,515	265,957
<u>Non-industrial</u>						
Wholesale grocers, jobbers, sugar dealers, retail grocers, chain stores, super markets	90,817	1,315	3,552	69,297	5,159	11,494
All other deliveries, including deliveries to Government agencies	<u>23,350</u>	<u>9,070</u>	<u>6,673</u>	<u>1,734</u>	<u>2,718</u>	<u>3,155</u>
Sub-total	114,167	10,385	10,225	71,031	7,877	14,649
TOTAL SALES	2,568,711	157,886	630,275	963,552	536,392	280,606
Percentage change from second quarter 1962						
<u>Industrial</u>						
Bakery, cereal and allied products	+ 18.4	+ 35.8	+ 7.9	+ 25.4	+ 14.3	+ 15.5
Confectionery and related products	+ 17.8	+109.5	- 2.2	+ 36.3	+ 55.5	+108.0
Ice cream and dairy products	+ 4.4	- 9.5	+ 0.1	- 24.0	+130.4	+ 12.2
Beverages	+ 20.9	- 15.0	+ 15.3	+ 29.4	+ 14.5	+ 41.3
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	+ 23.8	- 3.3	- 4.9	+ 18.5	+ 61.5	+ 6.9
Multiple and all other food uses	+ 25.2	- 14.8	+108.4	+ 13.0	- 4.1	+ 20.6
Non-food products	- 13.9	- 31.7	+ 2.8	- 5.8	- 26.2	+ 95.3
Sub-total	+ 13.1	- 10.6	+ 10.4	+ 19.9	+ 10.0	+ 21.9
<u>Non-industrial</u>						
Wholesale grocer, jobbers, sugar dealers, retail grocers, chain stores, super markets	+ 51.3	+ 62.7	+102.0	+ 56.0	+ 79.9	+ 13.1
All other deliveries, including deliveries to Government agencies	+ 55.3	+689.4	- 12.4	+ 23.3	+110.5	- 11.6
Sub-total	+ 52.1	+430.7	+ 9.0	+ 55.0	+ 89.4	+ 6.6
Total	+ 14.4	- 5.4	+ 10.3	+ 21.9	+ 10.6	+ 21.0

¹/Reported as produced and sold (typically dextrose hydrate) and exclude small amounts to competitors as well as small quantities used in miscellaneous mixes.

Table 24. Corn refiners' shipments, by type of buyer, second quarter 1963 and 1962

Type of buyer	Corn sirup unmixed		Dextrose		All corn sweeteners	
	1963	1962	1963	1962	1963	1962
Thousand hundredweights, dry basis						
Baking industry	765	555	1,104	910	1,869	1,465
Confectioners	1,923	1,659	148	126	2,071	1,785
Ice cream and other dairy products	595	484	47	45	642	529
Breweries and fountain sirups	309	377	47	46	356	423
Canners, packers, jams, jellies, preserves	601	458	109	93	710	551
Miscellaneous food industries including sugar refiners	367	326	482	410	849	736
Sirup mixers ^{1/}	185	138	13	5	198	143
Non-food uses	143	129	334	369	477	498
Jobbers, etc.	<u>25</u>	<u>19</u>	<u>86</u>	<u>62</u>	<u>111</u>	<u>81</u>
Sub-total ^{2/}	4,914	4,145	2,371	2,066	7,285	6,211
Used in mixed sirups sold by corn refiners	316	309	-	-	316	309
Corn sirup solids and miscellaneous corn sweeteners ^{3/}	<u>286</u>	<u>281</u>	<u>-</u>	<u>-</u>	<u>286</u>	<u>281</u>
Total domestic ^{2/}	5,516	4,735	2,371	2,066	7,887	6,801
Export	<u>48</u>	<u>38</u>	<u>92</u>	<u>38</u>	<u>140</u>	<u>76</u>
Grand total ^{2/} (domestic & export)	5,564	4,773	2,463	2,104	8,027	6,877
Bulk blends ^{4/}	403	216	-	-	403	216

1/ Sirup mixers outside of the corn refining industry, except cane sugar refiners and beet sugar processors; the latter two are included with "Miscellaneous food industries."

2/ Due to rounding, totals may not be exact sums of individual items.

3/ According to the Census of Manufacturers, 1958, shipments of corn sirup solids were 63.7 percent of total shipments of miscellaneous refinery products. Since corn sirup solids contain up to 3.5 percent moisture, corn sirup solids dry basis, are estimated as 61.5 percent of shipments of miscellaneous refinery products as reported to the Policy and Program Appraisal Division. For earlier treatment of this item see Sugar Reports 93, page 6.

4/ Corn sirup unmixed sales to sugar refiners and beet sugar processors for blending contained in miscellaneous food industries.

NOTE: See Sugar Reports No. 93, January 1960, pages 6-10 for source, methodology and groupings.

Table 25. Sugar prices

Year and month	: Raw cane sugar-spot price :		Quota premiums ^{3/} and discounts	: Refined beet sugar - quoted wholesale (gross) ^{4/} :			
	: Domestic :			: Chicago- : Pacific :			
	: Sugar at N.Y.: "World" ^{2/} :			: Eastern : West : Coast :			
	: duty paid 1/ : Sugar :			Cents per pound			
1958-62 Monthly Average	6.31	3.10	+2.31	8.71	8.73	9.02	
1961 Monthly Average	6.30	2.91	+2.45	8.36	8.59	8.84	
1962 Monthly Average	6.45	2.98	+2.58	9.07	8.95	9.07	
1962							
September	6.43	3.18	+2.37	9.15	9.00	9.20	
October	6.52	3.28	+2.35	9.15	9.00	9.20	
November	6.44	3.65	+1.90	9.15	9.00	9.20	
December	6.54	4.29	+1.36	9.12	9.02	9.22	
1963							
January	6.70	5.41	+0.40	9.03	9.28	9.40	
February	6.80	6.06	-0.15	9.25	9.20	9.40	
March	7.04	6.62	-0.47	9.30	9.20	9.51	
April	8.26	7.65	-0.28	9.50	9.40	9.66	
May	11.08	10.36	-0.19	12.54	11.48	12.43	
June	8.70	9.92	-2.12	13.43	12.86	13.14	
July	7.95	9.05	-2.00	11.26	10.84	11.14	
August	6.65	6.63	-0.87	9.58	9.68	9.98	
Last 12-month average	7.43	6.34	+0.20	10.04	9.83	10.12	
Year and month	: Refined Cane Sugar - Quoted Wholesale (Gross) ^{4/} :						: Refined Retail U.S. Average
	: North : South :		: Gulf :	: Chicago- : Pacific :			
	: East : East :			: West : Coast :			
	: East : East :			: West : Coast :			
Cents per pound							
1958-62 Monthly Average	9.41	9.23	9.20	8.93	9.04	11.56	
1961 Monthly Average	9.40	9.25	9.23	8.76	8.84	11.77	
1962 Monthly Average	9.60	9.17	9.03	9.15	9.07	11.70	
1962							
September	9.70	9.20	9.00	9.20	9.20	11.76	
October	9.70	9.20	9.00	9.20	9.20	11.76	
November	9.70	9.20	9.00	9.20	9.20	11.78	
December	9.72	9.22	9.12	9.22	9.22	11.76	
1963							
January	9.99	9.48	9.29	9.48	9.40	11.76	
February	10.05	9.55	9.35	9.40	9.40	11.88	
March	10.16	9.66	9.46	9.40	9.51	11.94	
April	10.89	10.40	10.23	9.60	9.66	12.00	
May	14.09	13.22	13.98	13.87	12.43	12.74	
June	14.15	13.62	13.62	13.17	13.14	16.80	
July	13.03	12.70	12.57	11.04	11.14	15.84	
August	11.42	10.94	10.41	9.88	9.98	14.74	
Last 12-month average	11.05	10.53	10.42	10.22	10.12	12.90 ^{5/}	

1/ Spot prices during 1958-60 were for sugar in bage under Contract No. 6 plus .50 cent per pound duty (Cuban). Beginning with 1961, spot prices are for bulk sugar under Contract No. 7, the terms of which are duty paid or duty free.

2/ Spot prices during 1958-60 based on No. 4 Contract which was for bagged sugar f.a.s. Cuba. Beginning with 1961 spot prices are those under No. 8 Contract which is also for bagged sugar but f.o.b. and stowed at Greater Caribbean ports (including Brazil).

3/ For 1958-60 these amounts are the difference between the spot prices of the No. 6 "Domestic" Contract rolled back to Cuba (minus freight and insurance) and the spot prices of the No. 4 "World" Contract. Beginning with 1961 the No. 7 "Domestic Bulk" Contract has been adjusted by deducting duty (.625¢) computed freight from Greater Caribbean ports (including Brazil), insurance and unloading charges, and adding the bag allowance (currently .055¢) before calculating the differential from No. 8 "World" Contract spot prices.

4/ These are basis prices in 100-pound paper bags, NOT delivered prices. To obtain delivered prices add "Freight Prepays" and deduct discounts and allowances. For illustration see Sugar Reports 81, January 1959, pages 5/ 11 month average.

Table 26. Refined sugar production and month-end stocks

Year and month	Production		Month-end Stocks ^{1/}	
	Cane sugar refiners	Beet Processors	Cane sugar refiners	Beet Processors
1,000 short tons, raw value				
1958-62 monthly average	546	197	291	874
1961 monthly average	553	198	292	932
1962 monthly average	587	210	267	863
<u>1962</u>				
September	591	122	255	186
October	588	584	236	571
November	591	656	264	1,043
December	551	551	253	1,368
<u>1963</u>				
January	519	264	225	1,461
February	472	74	273	1,367
March	638	20	234	1,168
April	635	37	209	1,008
May	719	110	213	839
June	531	72	317	752
July	594	64	332	610
August ^{2/}	621	100	322	451
Last 12-month average	588	221	261	902

^{1/} Includes over-quota and quota exempt sugar.^{2/} Preliminary.

Table 27. Production, field worker requirements, and earnings of field workers for domestic sugar producing areas, 1950-1962 crops

Crop year	Louisiana	Florida	Hawaii	Puerto Rico ^{2/}	Beet area
Number of farms ^{1/}					
1950	5,028	23	149	15,661	37,328
1951	4,833	24	786	16,525	27,409
1952	4,463	25	738	18,312	23,553
1953	4,010	25	857	19,833	24,846
1954	3,883	25	790	19,519	27,968
1955	3,861	25	861	19,274	24,855
1956	3,703	24	836	18,423	24,475
1957	3,343	24	884	17,605	24,915
1958	2,908	24	597	16,517	25,334
1959	2,686	14	787	15,976	25,259
1960	2,547	13	681	14,973	24,219
1961	2,534	19	705	14,230	24,319
1962	2,413	120*	588	13,157	23,190*
Acreage harvested					
1950	272,842	37,357	109,405	367,093	923,703
1951	257,975	38,933	109,494	366,404	695,535
1952	274,385	42,842	108,089	391,763	660,757
1953	280,242	44,531	108,337	384,638	765,093
1954	247,143	38,624	107,480	367,054	855,499
1955	232,448	34,777	106,180	361,053	743,924
1956	203,286	30,123	106,956	352,897	789,217
1957	226,164	32,639	106,742	361,492	882,461
1958	219,144	34,423	84,136	327,708	895,111
1959	249,830	46,404	110,371	344,596	897,112
1960	255,357	48,941	103,584	327,961	961,993
1961	277,308	56,143	108,320	328,138	1,091,054
1962	253,689	114,300*	108,600	308,644	1,115,000*
Production of cane or beets (Net weight of cane or beets in short tons)					
1950	5,311,857	1,169,327	8,174,821	10,614,633	13,584,890
1951	4,462,854	1,259,526	8,477,201	10,501,394	10,496,942
1952	5,666,917	1,495,338	8,693,920	12,536,940	10,180,909
1953	5,759,310	1,453,056	9,003,967	10,170,796	12,506,684
1954	5,624,800	1,258,440	9,431,781	10,879,643	13,765,783
1955	5,664,412	1,159,908	9,867,978	9,872,969	12,237,776
1956	4,817,145	1,196,904	9,909,990	10,306,431	13,107,250
1957	4,975,915	1,358,145	9,447,647	8,708,681	15,639,802
1958	4,868,725	1,302,898	7,552,750	9,067,336	15,254,426
1959	5,072,611	1,770,828	9,416,225	10,181,755	16,756,507
1960	5,582,687	1,553,606	8,613,317	10,000,728	16,617,844
1961	7,118,497	2,035,893	9,595,342	10,754,016	17,926,984
1962	5,315,415	4,050,199	9,844,000*	9,663,265	18,600,000*
Yield of cane or beets per harvested acre Short tons					
1950	19.47	31.30	74.72	28.92	14.71
1951	17.30	32.35	77.42	28.66	15.09
1952	20.65	34.90	80.43	32.00	15.41
1953	20.55	32.63	83.11	26.44	16.35
1954	22.76	32.58	87.75	29.64	16.09
1955	24.37	33.35	92.94	27.34	16.45
1956	23.70	39.73	92.65	29.21	16.61
1957	22.00	41.61	88.51	24.09	17.72
1958	22.22	37.85	89.77	27.67	17.04
1959	20.30	38.16	85.31	29.55	18.68
1960	21.86	31.74	83.15	30.49	17.27
1961	25.67	36.26	88.58	32.77	16.43
1962	20.95	35.43*	90.64*	31.31	16.68*

* Preliminary

Continued

Table 27. Production, field worker requirements, and earnings of field workers for domestic sugar producing areas, 1950-1962 crops - Continued

Crop year	Louisiana	Florida	Hawaii	Puerto Rico ^{2/}	Beet area
Production of sugar					
Short tons, raw value ^{3/}					
1950	456,246	108,267	960,961	1,298,645	2,014,874
1951	296,566	122,115	995,759	1,238,323	1,541,026
1952	450,847	154,402	1,020,450	1,372,293	1,518,630
1953	481,094	150,543	1,099,316	1,181,562	1,872,778
1954	478,493	132,336	1,077,347	1,203,969	1,998,714
1955	455,299	118,897	1,140,112	1,166,028	1,730,162
1956	431,625	128,797	1,099,543	1,151,749	1,971,459
1957	397,613	136,339	1,084,646	990,424	2,212,598
1958	442,860	136,269	764,953	934,160	2,213,404
1959	440,604	174,730	974,632	1,087,029	2,301,928
1960	469,856	159,539	935,744	1,019,442	2,474,533
1961	649,514	207,758	1,092,481	1,109,712	2,430,595
1962	471,601	380,372	1,120,011	1,008,943	2,600,000*
Yield of sugar per harvested acre					
Short tons, raw value					
1950	1.67	2.90	8.78	3.54	2.18
1951	1.15	3.14	9.09	3.38	2.22
1952	1.64	3.60	9.44	3.50	2.30
1953	1.72	3.38	10.15	3.07	2.45
1954	1.94	3.43	10.02	3.28	2.34
1955	1.96	3.42	10.74	3.23	2.33
1956	2.12	4.28	10.28	3.26	2.50
1957	1.76	4.18	10.16	2.74	2.51
1958	2.02	3.96	9.09	2.85	2.47
1959	1.76	3.77	8.83	3.15	2.57
1960	1.84	3.26	9.03	3.11	2.57
1961	2.34	3.70	10.09	3.38	2.23
1962	1.86	3.33*	10.31	3.27	2.33*
Percentage of sugar recovered from cane or beets produced					
1950	8.59	9.26	11.76	12.23	14.83
1951	6.65	9.70	11.75	11.79	14.68
1952	7.96	10.32	11.74	10.95	14.92
1953	8.35	10.36	12.21	11.62	14.97
1954	8.51	10.52	11.42	11.07	14.52
1955	8.04	10.25	11.55	11.81	14.14
1956	8.96	10.76	11.10	11.17	15.04
1957	7.99	10.04	11.48	11.37	14.15
1958	9.10	10.46	10.13	10.30	14.51
1959	8.69	9.87	10.35	10.68	13.74
1960	8.42	10.27	10.86	10.19	14.89
1961	9.12	10.20	11.39	10.32	13.56
1962	8.87	9.39	11.38*	10.44	13.98*
Number of persons working on farms ^{4/}					
1950	35,000	2,500	12,000	148,000	137,000
1951	34,000	2,500	10,800	144,000	103,000
1952	32,000	2,800	11,000	153,000	92,000
1953	29,000	2,900	12,200	145,000	102,000
1954	27,000	2,750	12,200	141,000	109,000
1955	27,000	2,750	11,100	127,000	94,000
1956	26,000	2,300	9,900	124,000	97,000
1957	23,000	2,600	9,400	118,000	105,000
1958	21,000	2,600	8,800	113,000	106,000
1959	20,000	3,200	8,300	97,000	100,000
1960	20,000	3,500	8,000	95,000	92,000
1961	21,000	4,400	7,700	97,000	103,000
1962	20,000	6,500	7,300	97,000	103,000

* Preliminary

Continued

Table 27. Production, field worker requirements, and earnings of field workers for domestic sugar producing areas, 1950-1962 crops - Continued

Crop year	Louisiana	Florida	Hawaii	Puerto Rico ^{2/}	Beet area
Man-hours per acre ^{5/}					
1950	128.82	123.13	227.05	384.94	78.48
1951	116.96	106.89	219.80	369.30	74.15
1952	107.45	93.74	217.12	390.46	75.90
1953	101.69	79.36	237.71	354.77	77.91
1954	108.37	83.90	211.02	325.84	79.09
1955	110.15	84.82	187.09	307.76	74.09
1956	103.50	95.70	177.84	293.20	70.00
1957	93.67	91.37	167.23	255.75	69.28
1958	95.99	86.57	163.80	275.77	60.76
1959	89.51	81.32	148.17	279.15	55.00
1960	88.87	67.45	150.26	249.55	52.94
1961	95.47	70.26	138.84	251.88	46.38
1962	89.39	66.40	140.42	251.07	47.49
Man-hours per ton of cane or beets ^{5/}					
1950	6.62	3.93	3.04	13.30	5.34
1951	6.76	3.30	2.84	12.88	4.90
1952	5.21	2.69	2.70	12.21	4.92
1953	4.94	2.43	2.86	13.42	4.76
1954	4.75	2.57	2.41	10.99	4.91
1955	4.52	2.54	2.01	11.25	4.50
1956	4.37	2.41	1.92	10.05	4.21
1957	4.25	2.19	1.89	10.62	3.90
1958	4.32	2.29	1.82	9.97	3.57
1959	4.42	2.13	1.74	9.46	2.94
1960	4.07	2.12	1.81	8.18	3.07
1961	3.72	1.94	1.57	7.69	2.82
1962	4.27	1.87	1.55	8.02	2.85
Man-hours per ton of sugar (raw value) ^{5/}					
1950	77.14	42.46	25.86	108.74	36.00
1951	101.70	34.04	24.18	109.26	33.40
1952	65.52	26.04	23.00	111.56	33.00
1953	59.12	23.48	23.42	115.56	31.80
1954	55.86	24.46	21.06	99.34	33.80
1955	56.20	24.80	17.42	95.28	31.80
1956	48.82	22.36	17.30	89.92	28.00
1957	53.22	21.86	16.46	93.34	27.60
1958	47.52	21.86	18.02	96.76	24.60
1959	50.86	21.57	16.78	88.62	21.40
1960	48.30	20.69	16.64	80.24	20.60
1961	40.80	18.99	13.76	74.52	20.80
1962	48.06	19.94	13.62	76.78	20.38

Continued

Table 27. Production, field worker requirements, and earnings of field workers for domestic sugar producing areas, 1950-1962 crops - Continued

Crop year	Louisiana	Florida	Hawaii	Puerto Rico	Beet area	
			Fringe	2/		
			Earnings	benefits		
Weighted average earnings per hour of field workers ^{6/}						
Dollars per hour						
1950	0.444	0.667	1.089	0.195	0.348	0.888
1951	0.454	0.714	1.127	0.235	0.370	0.938
1952	0.493	0.842	1.204	0.251	0.393	0.939
1953	0.523	0.888	1.303	0.269	0.416	0.938
1954	0.550	0.880	1.372	0.339	0.439	0.940
1955	0.564	0.885	1.448	0.405	0.437	0.943
1956	0.629	0.914	1.469	0.448	0.452	0.979
1957	0.667	0.952	1.538	0.482	0.492	1.036
1958	0.692	0.984	1.597	0.571	0.502	1.065
1959	0.710	0.991	1.753	0.521	0.497	1.094
1960	0.738	1.110	1.794	0.557	0.556	1.117
1961	0.773	1.182	1.939	0.605	0.588	1.132
1962*	0.834	1.185	2.003	0.734	0.600	1.160

Note: The foregoing data are revised from time to time as later information becomes available. Production data for all years are based upon statistics regularly compiled by the Policy and Program Appraisal Division from industry sources. Data regarding man-hours and earnings per hour of field workers were taken from the best available sources and are believed to be reliable in a degree that permits a generalized comparison among areas. Estimates of the peak number of persons working on farms are difficult to ascertain and both primary and secondary source material have been used. Man-hour data reflect the most recent information available and have been stated on a raw value equivalent basis for all areas to achieve uniformity. Data for the 1946 through 1949 crops are included in Sugar Reports 113, September 1961, Table 26.

1/ Data for Hawaii include plantation farms and independent grower farms from which sugarcane was harvested in each year shown. In addition, sugarcane was cultivated during each year shown, for harvest in a subsequent year, on the following estimated number of farms: 1950-53 not available; 1954-445; 1955-421; 1956-421; 1957-314; 1958-556; 1959-326; 1960-356; 1961-254; 1962-258.

2/ Data are for the 1949-50 crop through the 1961-62 crop.

3/ Sugar produced from beets is refined sugar but for purposes of comparability production is shown as the raw value equivalent.

4/ Estimated peak number of persons working on farms during crop, including working farm operators and unpaid family workers.

5/ Data include all labor utilized in the production of sugarcane or sugar beets (including supervision) other than administrative and employee services.

6/ Based on average hourly cash earnings of workers employed on time or piece work rate basis. In addition, workers receive non-cash benefits valued at 2 to 19 cents per hour except in Hawaii. Fringe benefits to workers in Hawaii are listed above.

* Preliminary



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